

# TIDES : DAILY HIGH AND LOW WATERS

Station.....AO UDOM.....Month.....DECEMBER.....Year...2016.....

Date	HIGH WATER				Moon's Phase	Date	LOW WATER				Remark
	Higher H.W.		Lower H.W.				Higher L.W.		Lower L.W.		
	Time	Height	Time	Height			Time	Height	Time	Height	
	h    m	meter	h    m	meter			h    m	meter	h    m	meter	
1	0735	3.74	1655	3.36		1	1210	2.94	2350	1.41	
2	0725	4.12	1725	3.49		2	-	-	1330	3.24	
3	0745	4.00	1710	3.52		3	-	-	0020	1.66	
4	0805	4.00	-	-		4	-	-	0050	1.66	
5	0950	4.02	-	-		5	-	-	0130	1.41	
6	0945	4.04	-	-		6	-	-	0200	1.50	
7	1055	3.86	-	-	☾	7	-	-	0235	1.69	
8	1100	3.70	-	-		8	-	-	0330	1.91	
9	1140	3.77	-	-		9	1900	2.50	0400	2.25	
10	1250	3.63	0050	2.90		10	0540	2.61	2015	2.10	
11	1300	3.58	0300	3.08		11	0735	2.80	2115	1.62	
12	0400	3.37	1400	3.27		12	0910	2.75	2140	1.16	
13	0500	3.49	1440	3.27		13	1030	2.73	2220	0.94	
14	0600	3.90	1510	3.47	☉	14	1100	3.03	2300	0.87	
15	0700	3.98	1605	3.45		15	1205	3.03	2350	0.80	
16	0815	4.12	1700	3.46		16	-	-	1320	3.12	
17	0830	4.05	1700	3.51		17	1400	3.26	0045	0.75	
18	0915	4.10	-	-		18	-	-	0120	1.15	
19	1000	3.77	1900	3.10		19	1545	2.90	0155	1.16	
20	0940	3.95	1940	3.26		20	1540	2.96	0200	1.46	
21	1015	3.91	-	-	☾	21	-	-	0245	1.94	
22	1035	3.85	-	-		22	-	-	0245	2.10	
23	1040	3.79	-	-		23	-	-	1900	2.49	
24	1130	3.59	-	-		24	-	-	2000	2.09	
25	1220	3.33	-	-		25	-	-	2055	1.70	
26	0500	3.50	-	-		26	-	-	2140	1.72	
27	0517	3.71	-	-		27	-	-	2200	1.74	
28	0600	3.98	-	-		28	-	-	2300	1.68	
29	0645	3.82	-	-	●	29	-	-	2330	1.08	
30	0700	3.74	-	-		30	-	-	2350	1.30	
31	0745	4.03	1650	3.33		31	-	-	1340	3.12	
Monthly						Monthly					
Sum		118.44		46.47		Sum		31.51		52.82	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.120				L'est LW	=	0.750			
MHHW	=	3.821				MLLW	=	1.704			
MLHW	=	3.319				MHLW	=	2.865			
MHW	=	3.665				MLW	=	2.008			
M.S.L.	=	2.846				M.T.L.	=	2.836			
MHWS	=	3.695				MLWS	=	1.808			
MHWN	=	3.792				MLWN	=	1.891			
Mn.sp.range	=	1.887				Sp.range					
Mn.np.range	=	1.901				Np.range					
Mn.range	=	1.657									